

Shraddha Nehate

List of Publications by Year in descending order

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18
papers

319
citations

1040056
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18
all docs

18
docs citations

18
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Reviewâ€”RF Sputtered Films of Ga ₂ O ₃ . ECS Journal of Solid State Science and Technology, 2019, 8, Q3064-Q3078.	1.8	81
2	A review of boron carbon nitride thin films and progress in nanomaterials. Materials Today Advances, 2020, 8, 100106.	5.2	54
3	Work Function Extraction of Indium Tin Oxide Films from MOSFET Devices. ECS Journal of Solid State Science and Technology, 2018, 7, P87-P90.	1.8	44
4	Three dimensionally-ordered 2D MoS ₂ vertical layers integrated on flexible substrates with stretch-tunable functionality and improved sensing capability. Nanoscale, 2018, 10, 17525-17533.	5.6	31
5	Centimeter-Scale Periodically Corrugated Few-Layer 2D MoS ₂ with Tensile Stretch-Driven Tunable Multifunctionalities. ACS Applied Materials & Interfaces, 2018, 10, 30623-30630.	8.0	21
6	Boron carbon nitride based metal-insulator-metal UV detectors for harsh environment applications. Optics Letters, 2016, 41, 4249.	3.3	19
7	Electrical and Optical Studies of Reactively Sputtered Indium Oxide Thin Films. ECS Journal of Solid State Science and Technology, 2021, 10, 065016.	1.8	15
8	A review of recent developments in aluminum gallium oxide thin films and devices. Critical Reviews in Solid State and Materials Sciences, 2022, 47, 538-569.	12.3	13
9	Boron Carbon Nitride (BCN) Nano-Coatings of Central Venous Catheters Inhibits Bacterial Colonization. ECS Journal of Solid State Science and Technology, 2020, 9, 115018.	1.8	12
10	Properties of RF Magnetron-Sputtered Copper Gallium Oxide (CuGa ₂ O ₄) Thin Films. Coatings, 2021, 11, 921.	2.6	8
11	Preparation and Characterization of Radio Frequency Sputtered Delafossite p-type Copper Gallium Oxide (p-CuGaO ₂) Thin Films. ECS Journal of Solid State Science and Technology, 2022, 11, 023005.	1.8	8
12	Influence of Substrate Temperature on Electrical and Optical Properties of Hydrogenated Boron Carbide Thin Films Deposited by RF Sputtering. Coatings, 2021, 11, 196.	2.6	4
13	Investigation of Electrical and Optical Properties of Low Resistivity Indium Oxide Thin Films. ECS Transactions, 2021, 102, 95-111.	0.5	3
14	Reviewâ€”The Synthesis and Characterization of Recent Two-Dimensional Materials for Energy Storage Applications. ECS Journal of Solid State Science and Technology, 2022, 11, 063015.	1.8	2
15	Work Function Extraction of Indium Tin Oxide Used as Transparent Gate Electrode for MOSFET. ECS Transactions, 2017, 77, 1905-1910.	0.5	1
16	Investigation on Electrical and Optical Properties of Hydrogen Doped Boron Carbide Thin Films. ECS Transactions, 2018, 85, 1607-1613.	0.5	1
17	Nanoindentation and Photoluminescence Studies of Hydrogenated Boron Carbon Nitride Thin Films. ECS Journal of Solid State Science and Technology, 2021, 10, 057004.	1.8	1
18	Hydrogenation of Boron Carbon Nitride Thin Films for Low-k Dielectric Applications. ECS Journal of Solid State Science and Technology, 2021, 10, 093001.	1.8	1